LOUIS LARAMÉE

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Solution Architect – Senior Full Stack Developer

SUMMARY

Recognized professional with over 20 years of experience in information technology and highly specialized in Microsoft .NET technologies.

Influential in defining software architectures while actively participating in the entire development lifecycle.

Respected for business collaboration and direct management of technology teams.

Commended by colleagues and clients for his professionalism and quality of deliverables.

SKILLS

Software architecture and development.

Distributed cloud solutions.

Software development lifecycle management (SDLC).

Development team management.

Agile methodologies.

TECHNOLOGIES

.NET, .NET Core, C#, Java, NodeJS, Go.

Angular, React, Next.js, TypeScript, HTML 5, Bootstrap, JQuery, XML, JSON, REST.

SQL Server, MySQL, Cosmos DB, DynamoDB, Oracle.

Git, TFS, Subversion, TeamCity, Octopus Deploy, Jenkins, Harness, Helm.

AWS, Azure, Kubernetes, Docker, Terraform.

Windows, Debian.

Agile, XP, Scrum, TDD, CI & CD.

EDUCATION

Bachelor of Electrical Engineering, Université de Sherbrooke (2000).

Bilingual.

EXPERIENCE	**Senior Solution Designer**	**2022 – present**

Senior Solution Designer   **2022 – present**
NATIONAL BANK OF CANADA

Part of the team for the modernization of the direct brokerage applications portfolio and its transition to a cloud infrastructure:

- Migrate all applications and automated processes to modern technological stacks and integrate with in-house informational services.
- Enhance overall ecosystem security in alignment with organizational objectives.
- Set up AWS infrastructure and migrate on-premise assets to the cloud.

.NET, Java 11, React 16, NodeJS, SQL Server, DynamoDB, AWS, Terraform, Kubernetes, Atlassian suite, Jenkins, Harness, Git.

Senior Developer   **2021 – 2022**
ADAPTIVE FINANCIAL CONSULTING

Part of the development team of an end-to-end management solution to enable states to administer and grow public-sponsored savings plans for one of the world's biggest custodian bank and asset servicing company.

.NET 5, Angular 9+, Typescript, MS SQL Server, Cosmos DB, MS Azure, Azure DevOps, Git.

Senior Backend .NET Developer   **2020 – 2021**
AKINOX SOLUTIONS

Part of the development team for the pandemic response platform used by the Quebec provincial government to contain and control the impact of COVID-19:

- Implementation of automated patient pairing module against RAMQ identification systems.
- Development of laboratory results acquisition and aggregation for the creation of new investigation cycles for positive COVID-19 cases.
- Targeted performance improvements for better scalability in response to increased demand on the overall system.

.NET Core 3.1, MS SQL Server, Hangfire, MS Azure, Atlassian Bitbucket & Jira, Octopus Deploy, Git.

Solution Architect   **2018 – 2019**
INDUSTRIAL ALLIANCE SECURITIES

Architect and develop an internal management system for Industrial Alliance Securities back-office operations:

- Definition and implementation of the Kubernetes cloud reference architecture.
- Implementation of data acquisition, validation and management modules for external financial institution payments with automated integration to IA's Book of Record.
- Implementation of the continuous delivery and release pipeline (CI/CD) for target environments.

.NET Core 2, HTML 5, Angular 6-7, Typescript, Angular Material, MySQL, MS Azure, Azure Kubernetes Service, Docker, Helm, Jenkins, JIRA, Git

EXPERIENCE	**Senior Full Stack .NET Developer** **PSP INVESTMENTS**	**2016 – 2018**

Architect and develop Chief Investment Office (CIO) decision-making systems that include forecasting and management tools:

- Architecture and development of a long-term market assumption forecasting system, which constitute the principal reference for the construction of the reference investment portfolio.
- Development of investment management tools that integrate with proxy voting for PSP positions.
- Coordination of development team according to agile methodologies.

.NET 4.6, .NET Core 2, HTML 5, Angular 4-5, TypeScript, Twitter Bootstrap, ng-bootstrap, MS SQL Server 2014-2016, MS TFS 2017, Git.

Solution Architect   **2013 – 2016**
FIERA CAPITAL

Define and implement the Information Technology reference architecture. Architect and develop numerous decision-making systems for various departments of Fiera Capital. Projects range from financial modelling to data management and integration of third-party financial systems:

- Definition and implementation of the organizational reference architecture for internal software development.
- Development of financial transactions modules in accordance with corporate compliance and governance.
- Institution of continuous integration and deployment practices.

.NET 3.5 & 4, ASP.NET MVC 3 et 4, HTML 5, Twitter Bootstrap, JQuery, AngularJS, MS SQL Server 2005-2008, Atlassian Bitbucket & Jira, TeamCity, Octopus Deploy.

Senior Full Stack .NET Developer   **2011 – 2013**
HYDRO-QUÉBEC

Architect and develop decision-making and financial systems for various departments within Hydro-Québec, intended to enhance existing functionality, or respond to new requirements:

- Development of a fund management system leveraging Electronic Data Interchange (EDI) for integration with SAP.
- Development of accounting modules to reconcile complex transactions within the general ledger.
- Development of financial data acquisition modules.

.NET 3.5 & 4, MS TFS 2008, C#, ASP.NET, Telerik, MS SQL Server 2005-2008, WCF.

EXPERIENCE

Solution Architect
COMMISSION DE LA CONSTRUCTION DU QUÉBEC
2009 - 2011

Define and implement the reference architecture for projects across all IT divisions. Projects include self-service provisioning of tools and technology, business unit management applications and financial systems:

- Technical advisor to senior management responsible for defining architectural guidelines and best practices.
- Development and deployment of software frameworks supporting best practices.
- Coordination of project and architecture teams.

.NET 3.5 & 4, MS TFS 2008-2010, Subversion, C#, ASP.NET MVC3, MS Unity, MS SQL Server 2005-2008, WCF, Silverlight.

.NET Developer
CAISSE DE DÉPÔT ET PLACEMENT DU QUÉBEC
2007 - 2009

Architect and develop financial decision support systems and responsible for corresponding development teams and deliverables:

- Development of a SOX-compliant order management system for the FX group with integration to trading platforms and Murex.
- Implementation of continuous integration and deployment practices for more than 25 projects within the applications suite.
- Development of a risk and global asset management system for the Chief Strategist team.

.NET 2.0-3.5, MS TFS 2008, C#, MS SQL Server 2005, MS SSIS, WCF, WF, MSBuild, CruiseControl.NET, ASP.NET, AJAX.

Analyst-Programmer
HYDRO-QUÉBEC
2004 - 2007

Design and development of high-performance power supply management components.

C#, Visual Studio .NET 2003-2005, IIS, ADO.NET, XML, Oracle 9i et 10g, NUnit.

Software Engineer
NEXXLINK
2003 - 2004

Development of a suite of 21 corporate websites including integrated content management for Essilor Laboratories of America (ELOA).

C#, VB.NET, ASP.NET, ADO.NET, MS SQL Server, MS CMS.

EXPERIENCE

Software Engineer
RYMA TECHNOLOGY SOLUTIONS

2001 - 2003

Featureplan™ 1.2, 1.3, 2.0 & Collaborative Server
Design, development and maintenance of a client/server business product management
application based on the proven methodology of Pragmatic Marketing.

VB.NET, ASP.NET, .NET Web services, ADO.NET, MS SQL Server.

Software Engineer
NORTEL NETWORKS

2001 - 2001

Development and support of test applications for prototypes and new products of the
Passport ™ suite.

Borland Delphi 4 & 5, SQL Server.